

To: "Robert Law" [rlaw@demaximis.com]; ugenia Naranjo/R2/USEPA/US@EPA[]
Cc: "Willard Potter" [otto@demaximis.com]; Mike Barbara" [mab.consulting@verizon.net]
From: "Geoffrey Seibel"
Sent: Tue 12/18/2012 6:09:37 PM
Subject: Re: FW: NBSA bathy survey -> Tierra's request to consider additional Field Mod

Hi Eugenia,

Would you check to see if you have Figures B-5 through B-7 referenced in Appendix B of Tierra's draft NBSA PFD? They were not in the pdf version you provided.

Thanks,

Geoff

>>> <Naranjo.Eugenia@epamail.epa.gov> 12/18/2012 7:59 AM >>>

Nice to meet you Geoff. What have you done to deserve this?

Happy holidays to you all,
eugenia

Eugenia Naranjo
United States Environmental Protection Agency
290 Broadway
New York, NY 10007-1866
212-637-3467
Naranjo.Eugenia@epa.gov

-----"Robert Law" <rlaw@demaximis.com> wrote: -----To: Eugenia Naranjo/R2/USEPA/US@EPA
From: "Robert Law" <rlaw@demaximis.com>
Date: 12/18/2012 05:42AM
Cc: "Geoffrey Seibel" <gcs@demaximis.com>, "Willard Potter" <otto@demaximis.com>, "Mike Barbara" <mab.consulting@verizon.net>
Subject: Re: FW: NBSA bathy survey -> Tierra's request to consider additional Field Mod

Tierra will hate that....

I need to introduce you to Geoff Seibel - he is going to be assuming the role of NBSA RI/FS coordination for the CPG. You will like Geoff - he is much easier to get along with than me...

I hope you, Rafa and the other two boys have a great Christmas and a Happy New Year.....

R/
Rob

>>> <Naranjo.Eugenia@epamail.epa.gov> 12/17/2012 10:53 PM >>>
FYI, I asked Tierra to submit the Field Modification, based on the
exchange between AECOM-SEA Engineering.

Eugenia Naranjo
United States Environmental Protection Agency
290 Broadway
New York, NY 10007-1866
212-637-3467
Naranjo.Eugenia@epa.gov

-----Forwarded by Eugenia Naranjo/R2/USEPA/US on 12/17/2012 09:51PM

From:Gerken, William[mailto:William.Gerken@aecom.com]
Sent: Monday, December 17, 2012 8:27 AM
To: Simmons, Doug
Cc: Jason Magalen
Subject: RE: NBSA bathy survey -> Tierra's request to
consider additional Field Mod
Importance: High

Hi Doug,

Based on Jason's daily logs, I believe it would be suitable to allow
them to go to from 45° to 60° off center (90° up to 120° total width)
for down looking multibeam work.

Jason,

If you have additional input or concerns please let me know ASAP.

Thanks.

Bill Gerken, P.E.
Senior Engineer | Project Manager
Coastal Engineering and Dredging
D (206)403-4266 M (206)491-6350
William.Gerken@AECOM.com
AECOM
710 Second Avenue, Suite 1000
Seattle, WA 98104
T (206)624-9349 F (206)623-3793
www.aecom.com

From:Simmons, Doug
Sent: Friday, December 14, 2012 8:26 PM
To: Gerken, William

Subject: FW: NBSA bathy survey -> Tierra's request to consider additional Field Mod

Bill:

Please let me know what you think.

Does this also identify a potential time for your site visit?

Doug

Doug Simmons
AECOM Environment
D 978.905.2401
C 978.273.4649
doug.simmons@aecom.com

AECOM
250 Apollo Drive
Chelmsford, MA 01824
T 978.905.2100
F 978.905.2101
www.aecom.com

From: Naranjo.Eugenia@epamail.epa.gov[mailto:Naranjo.Eugenia@epamail.epa.gov]

Sent: Friday, December 14, 2012 3:33 PM
To: Simmons, Doug
Cc: Willard Potter
Subject: NBSA bathy survey -> Tierra's request to consider additional Field Mod

Rob,

Please note that although we have directed Tierra/OSI to limit the beam angle to 45 degrees, their performance/patch tests have shown their system performance better than the USACE specs and Tierra would like to propose the Field Mod below. I understand Bill Gerken and Jason Magalen have exchanged information regarding the test results. Can you check with AECOM/GBA on the proposed Field Mod below and provide some feedback soon - like today or Monday?

Thanks,

e

BeamAngle

During setup last week we discussed that the beam angle limitation of 90 degrees was probably unnecessary since it was not likely the cause of the uncertainty in the 2008 survey data obtained by GBA. If you concur,

wewould like EPA to consider allowing OSI to open up the beam angle to 120degrees so we can improve our production rate. Of course, all standardcalibrations, checks, etc., would need to be satisfied. If you are stillwilling to consider this, please let us know so we can prepare a FieldModification for this change. It might help if you suggest any languageor considerations that you feel are important to facilitate such a change inthe protocol.

Eugenia Naranjo
United States Environmental Protection Agency
290 Broadway
New York, NY 10007-1866
212-637-3467
Naranjo.Eugenia@epa.gov